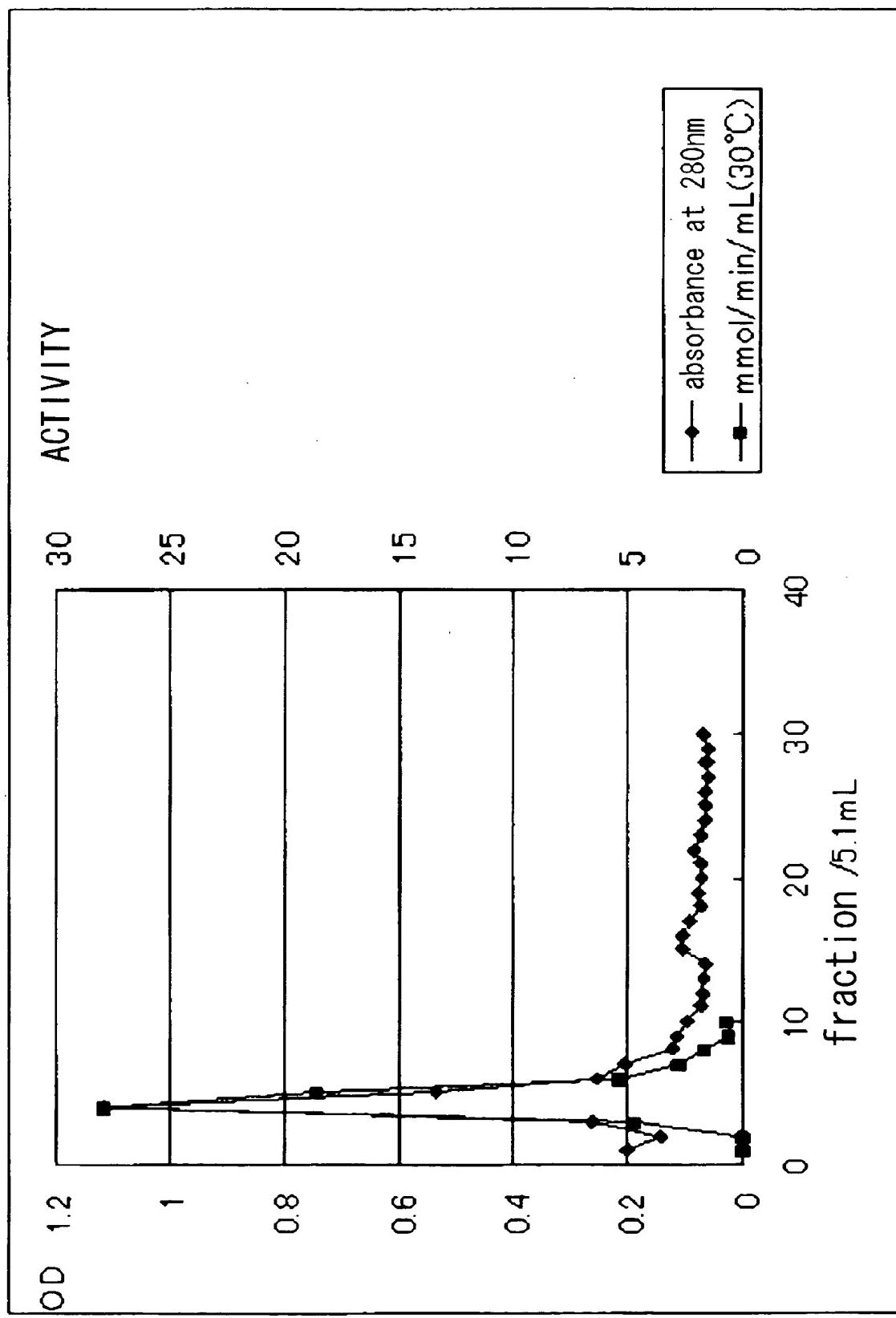


FIG. 1



# FIG. 2

Purification of Amine Oxidase from Pea Epicotyls

Step	Total Activity			Protein Specific Activity	Purification Yield
	$\mu$ kat	mg	$\mu$ kat/mg		
1. crude	13.3	1079	0.012	1	100
2. SP-Sephadex	11.8	854	1.38	115	88.7

Purification Procedure for Pea Seedling Amine Oxidase

Purification step	Total Activity			Protein Specific Activity	Purification Yield
	$\mu$ kat	mg	$\mu$ kat/mg		
1. crude	—	10031	0.01	1	100
2. (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> fractionation	—	2970	0.04	303	98
3. DE-52 chromatography	—	114	0.66	55	63
4. 6-aminoethyl-Sepharose 2B	—	31	1.63	136	42

Purification and Characterization of Amine Oxidase from Pea Seedlings

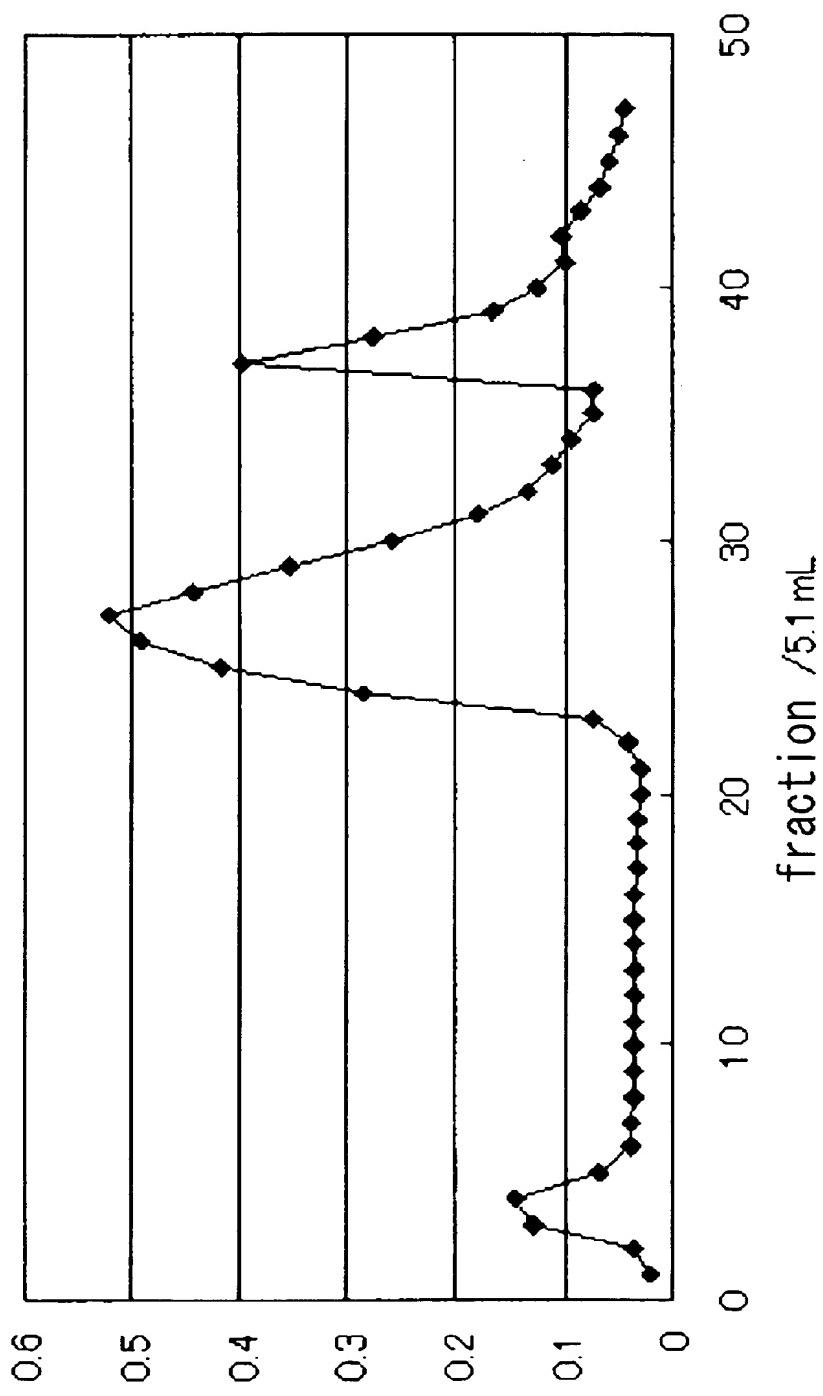
F. Vianello, A. Malek-Mirzayans, M. Luisa Di Paolo, R. Stevavata, and A. Rigò

Protein Expression and Purification 15, 196-201 (1999)

enzyme pure at 95% ( sp act 1.2  $\mu$  kat/mg)

FIG. 3

Purification from egg white using CM-Sephadex chromatography



# FIG. 4

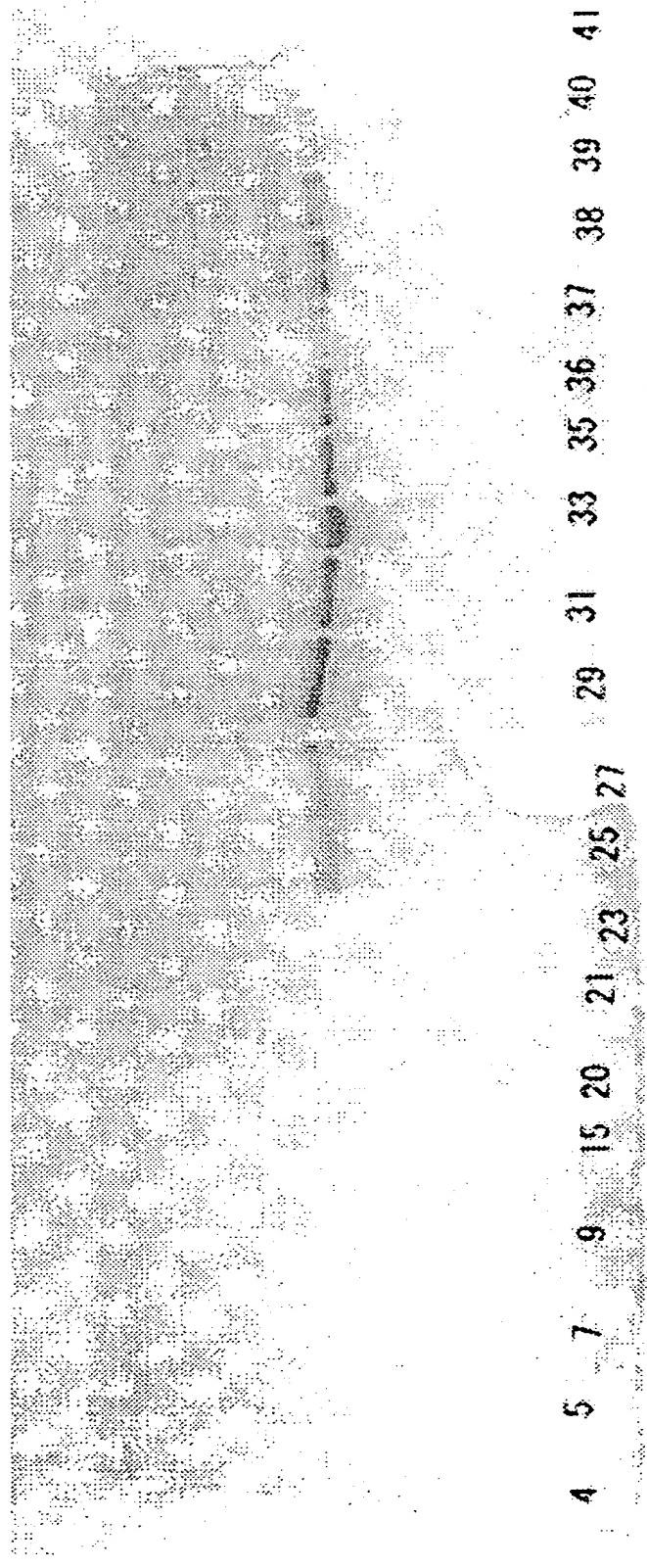


FIG. 5

Purification from egg white using CM-Sephadex chromatography

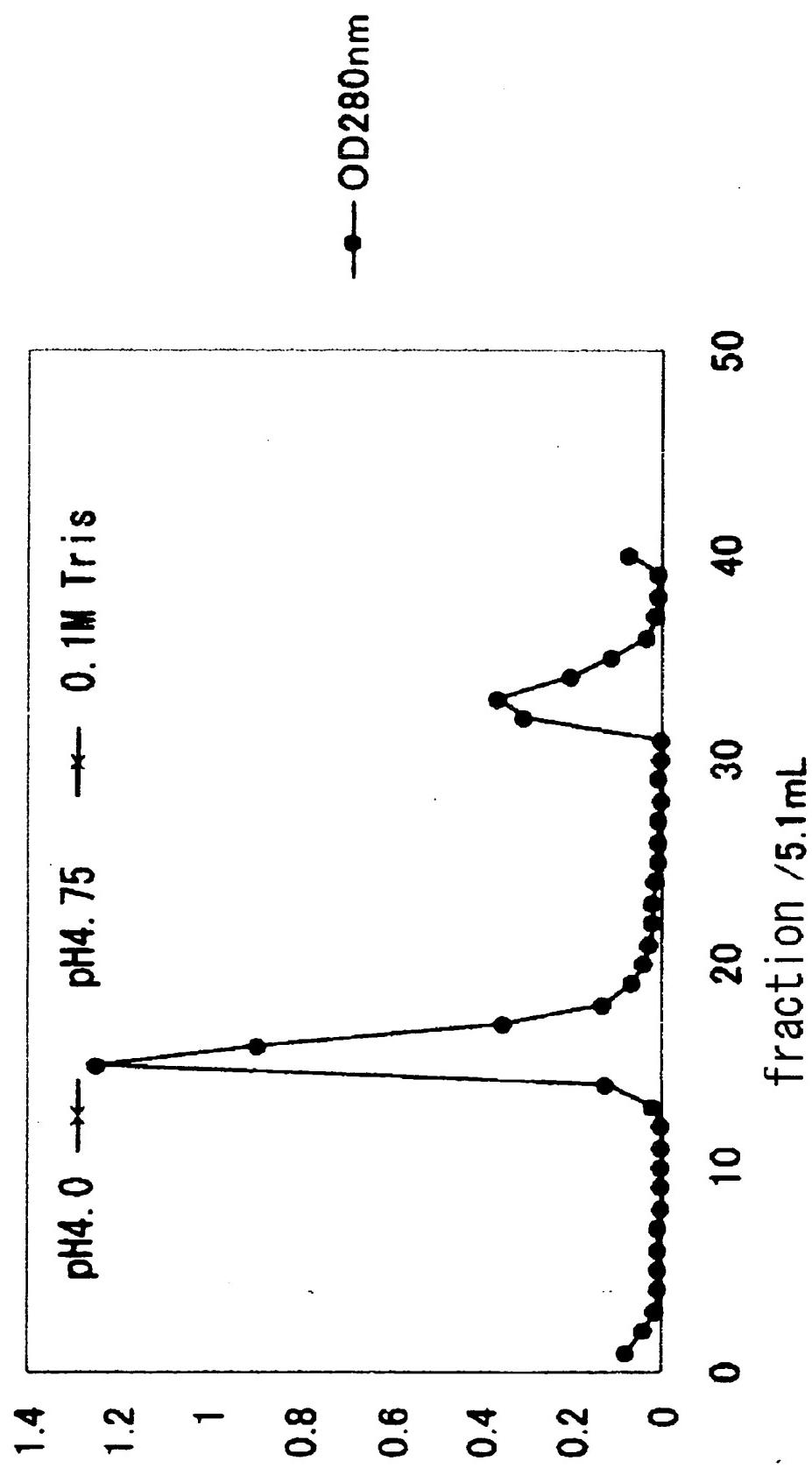


FIG. 6

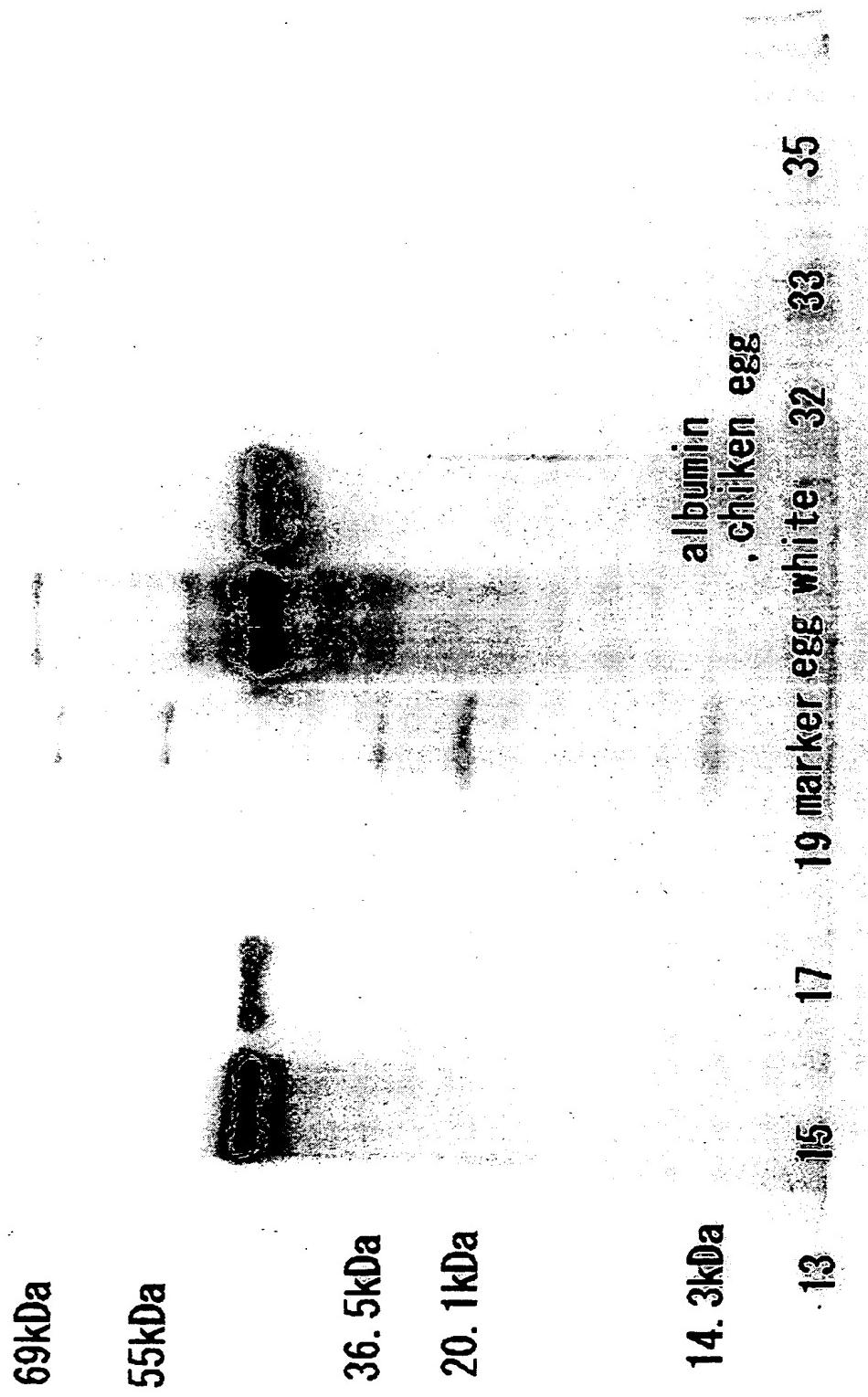


FIG. 7

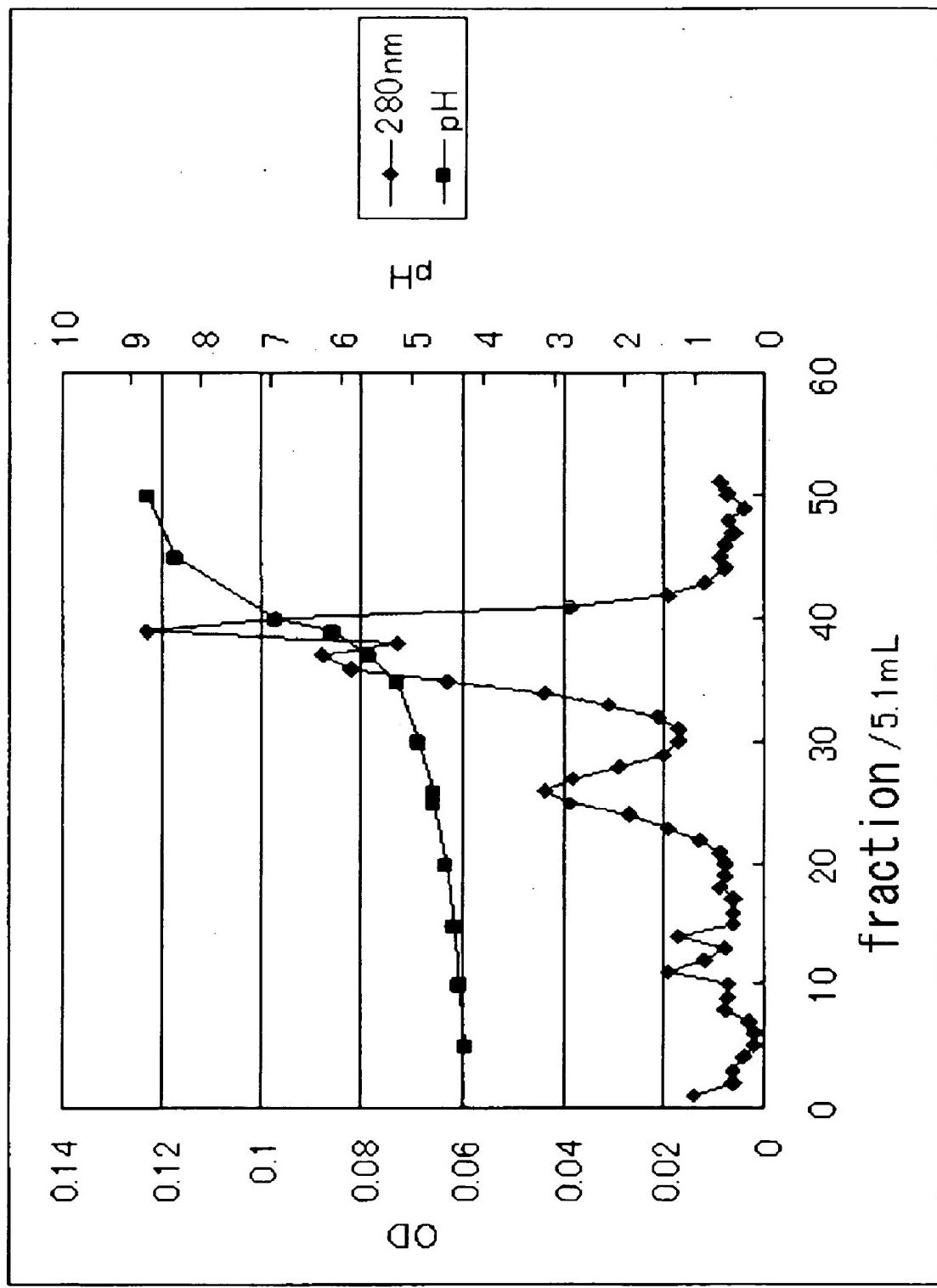


FIG. 8

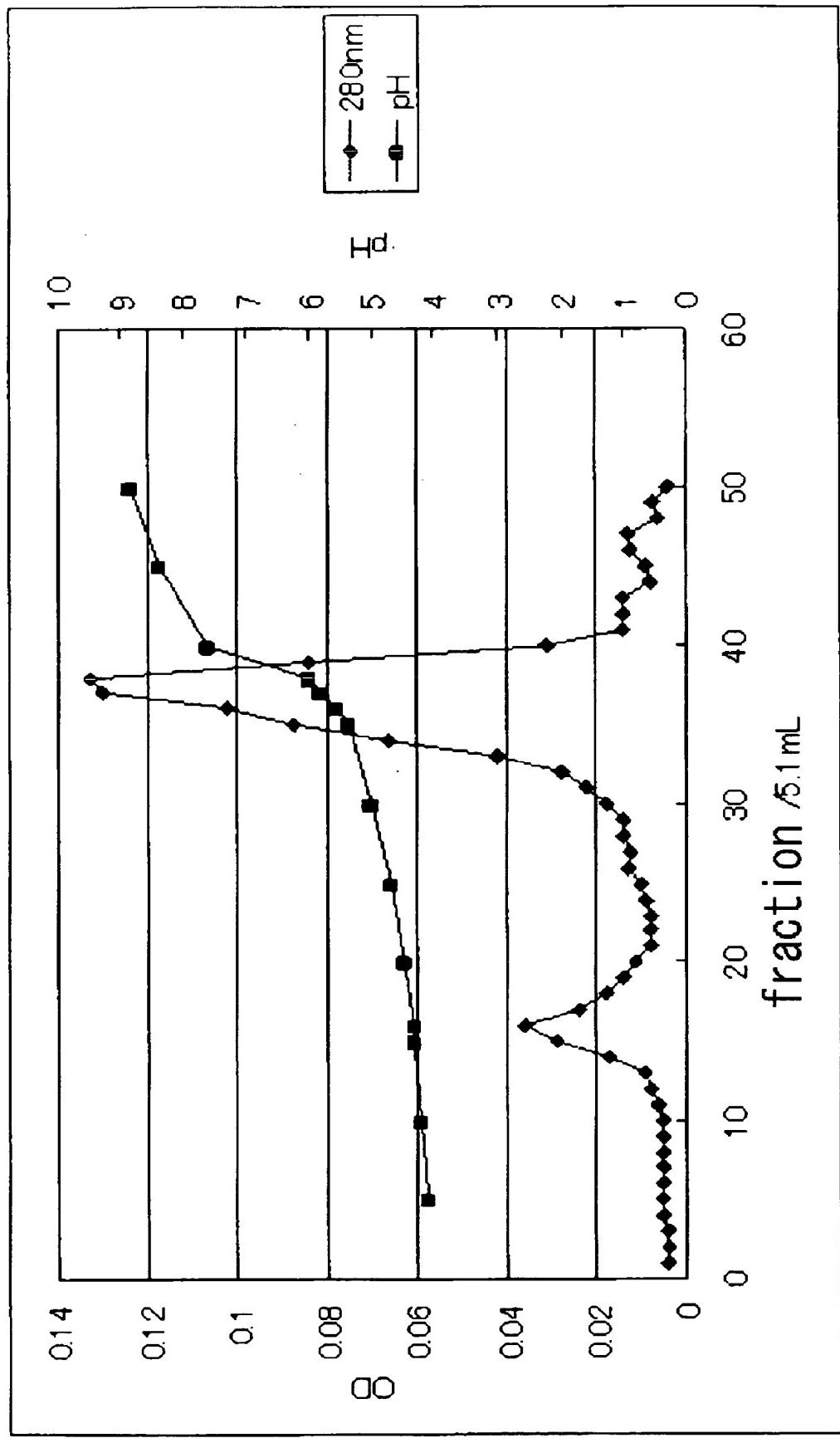


FIG. 9

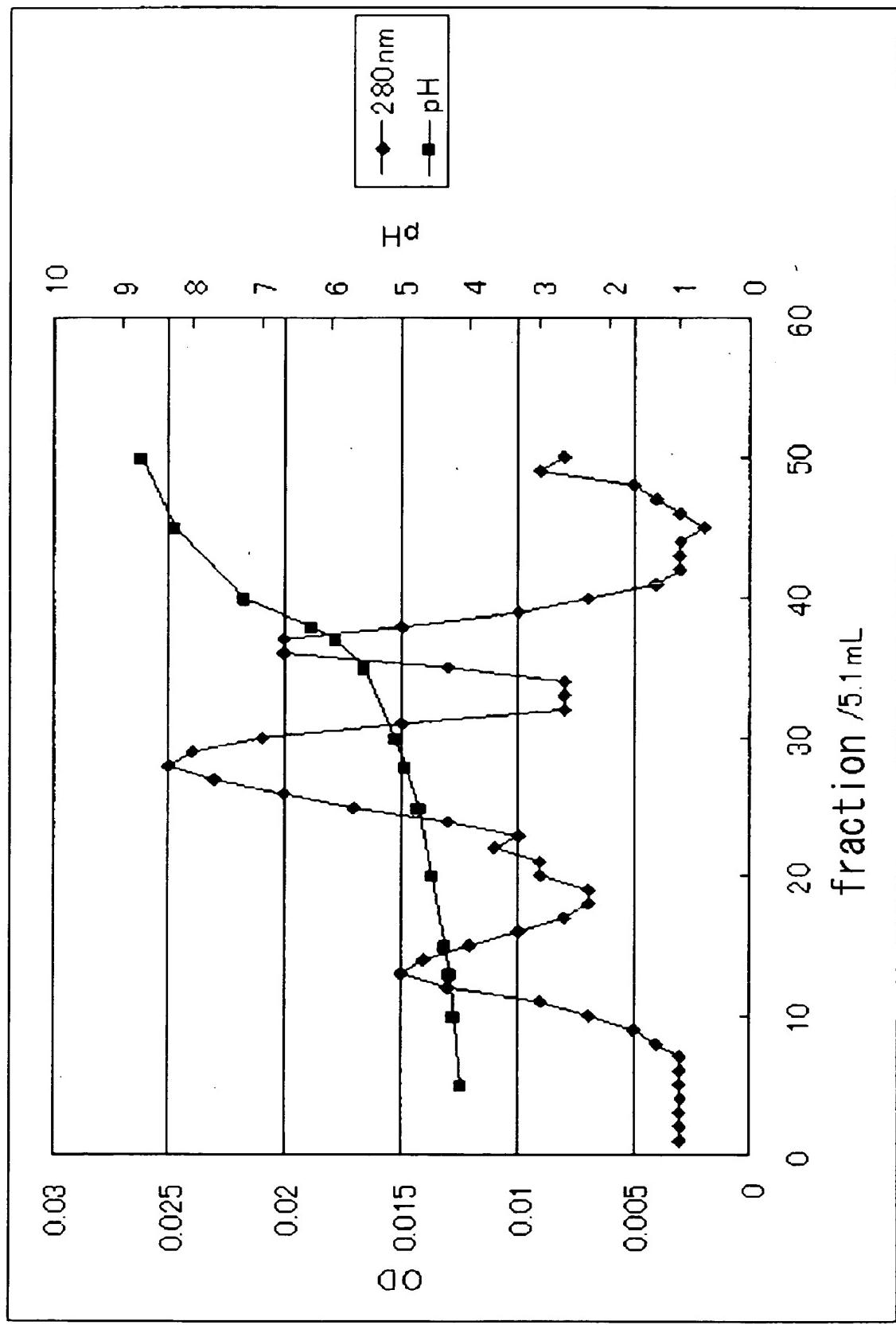


FIG. 10

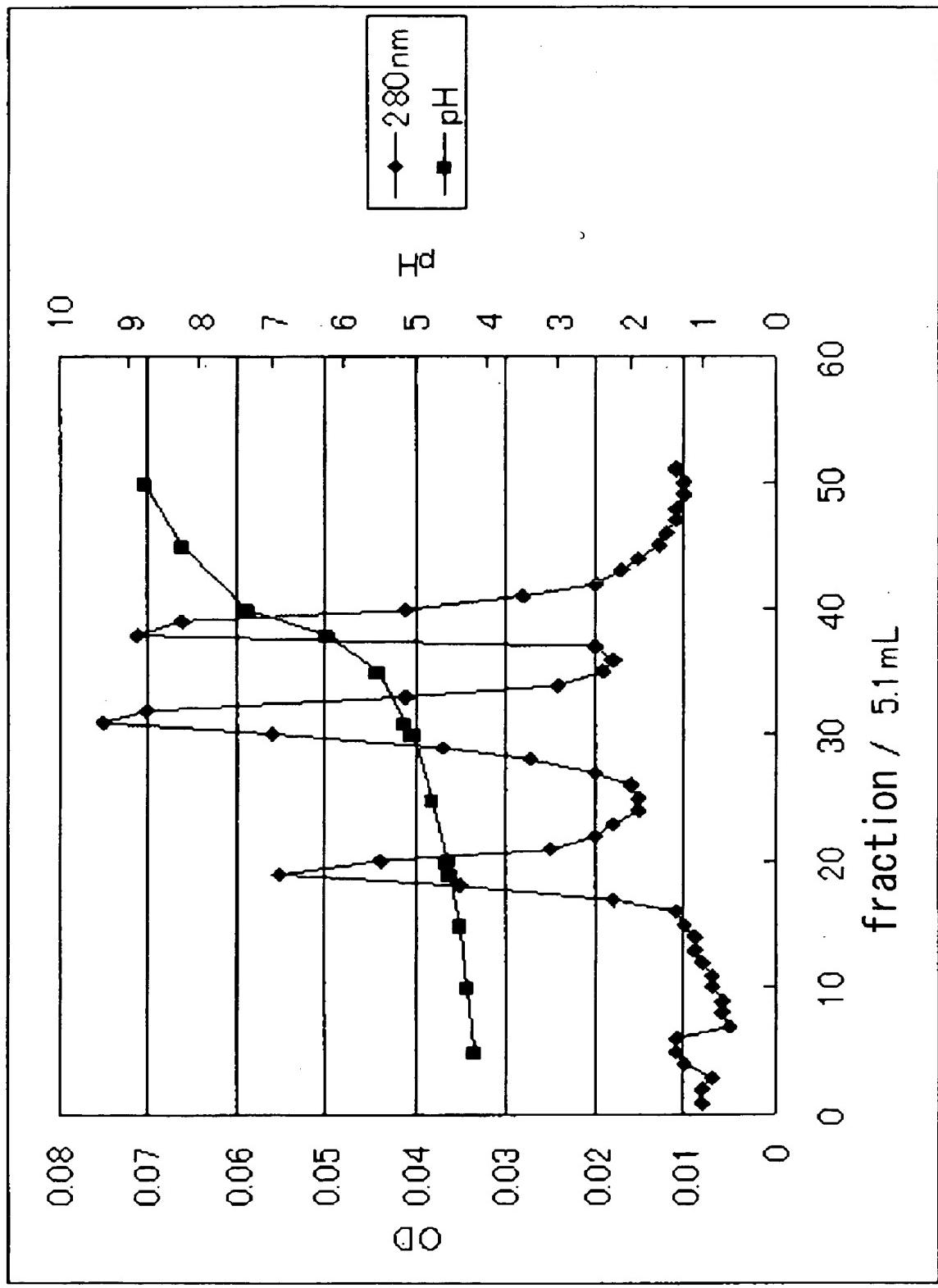


FIG. 1

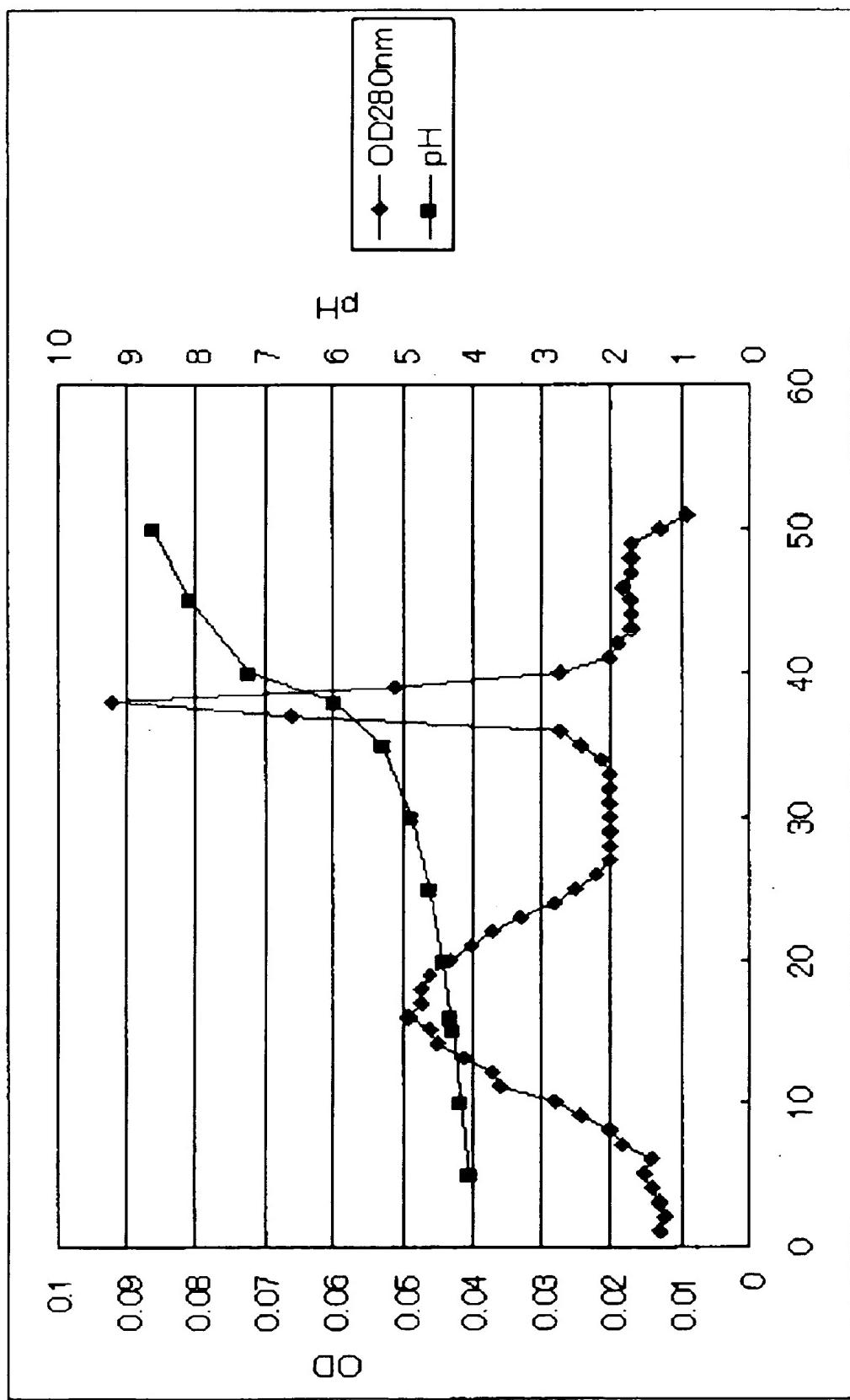


FIG. 12

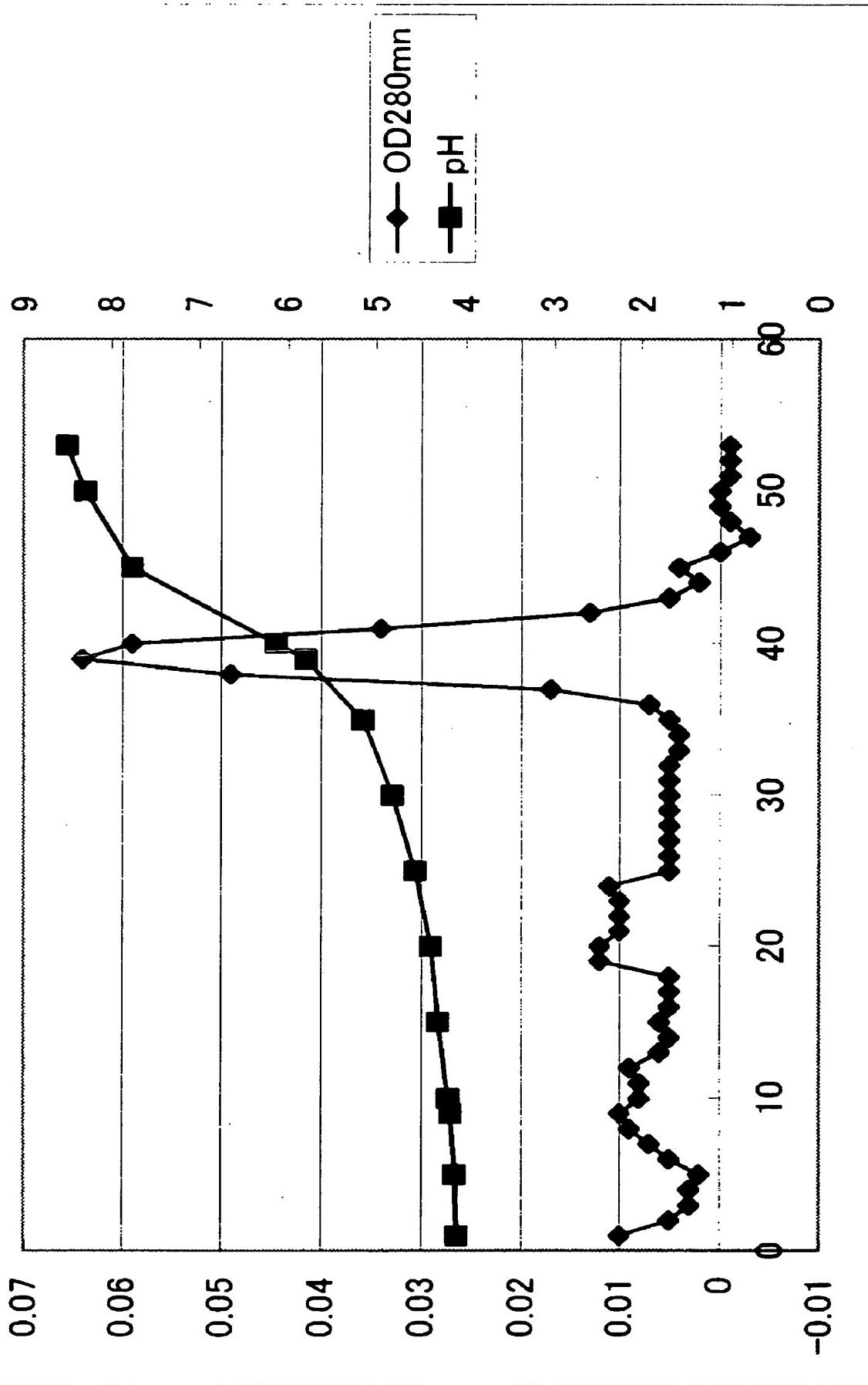


FIG. 13

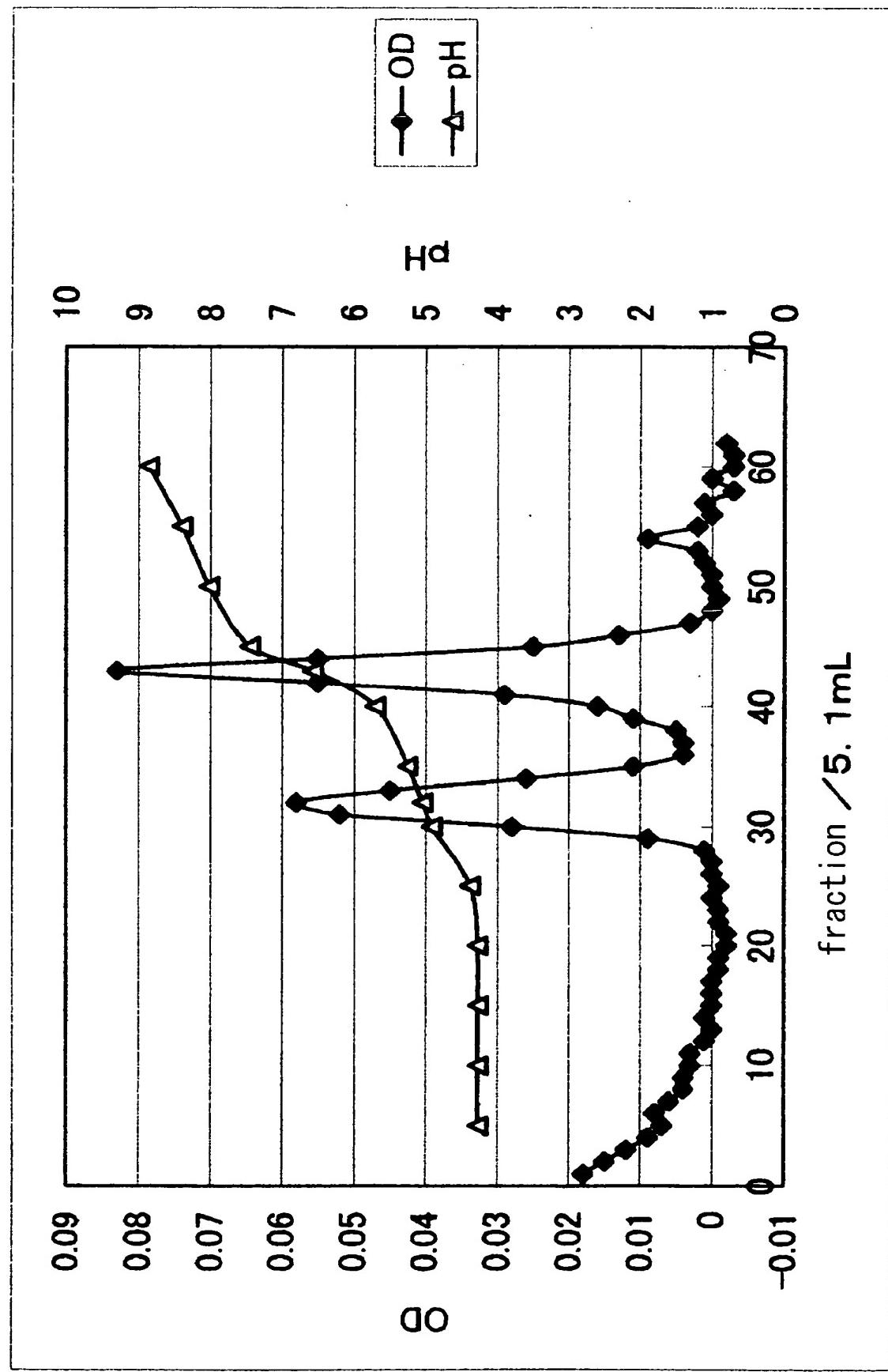


FIG. 14

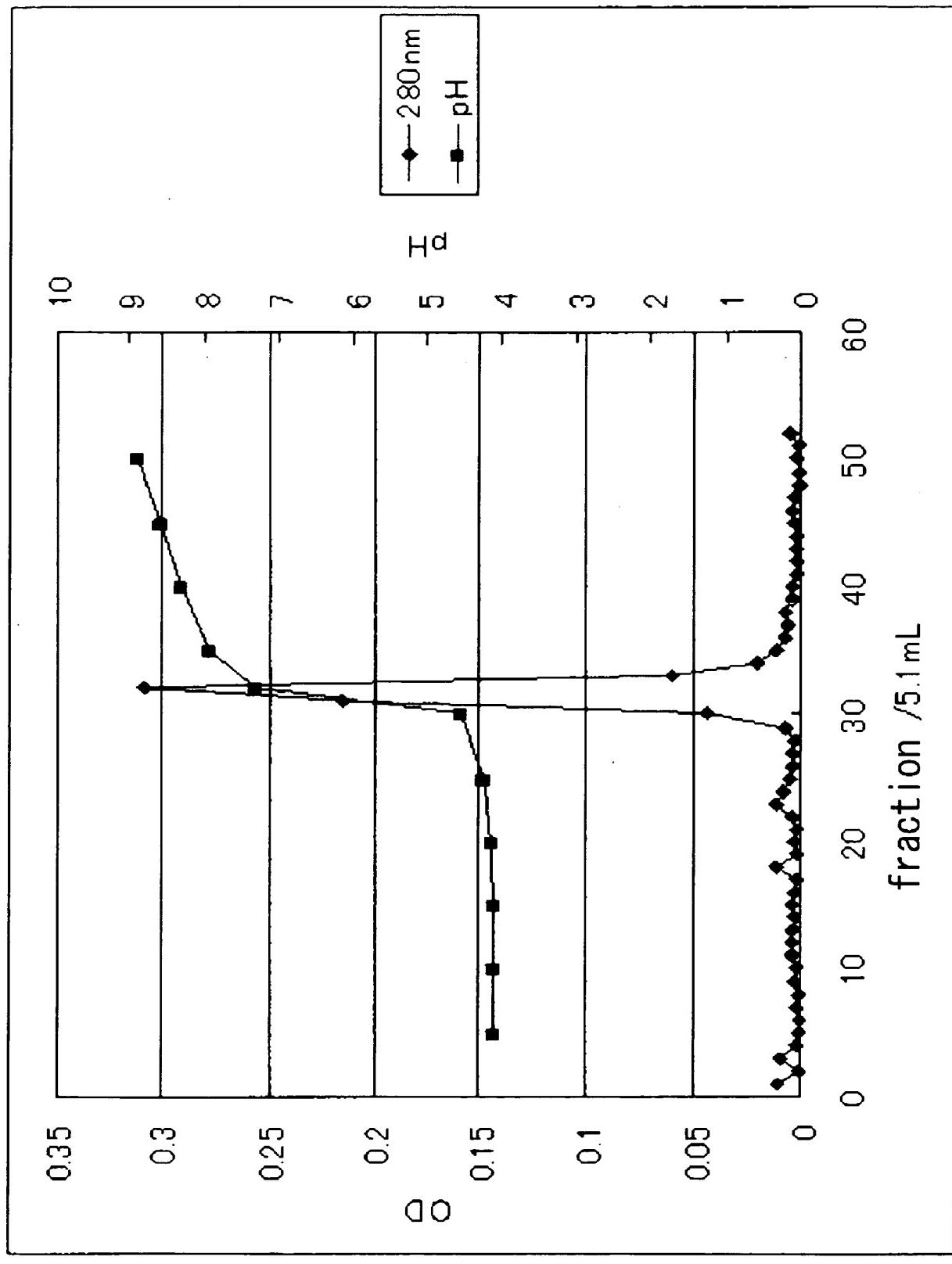


FIG. 15

